

**Ryan Chouest PowerPoint Bullets for 6/29/10**  
**Operational Period: 6/28/2010 Sampling Period**

- Fluorometry sensor responses are generally in agreement with the potential oiling footprint for the previous day, with medium inferred hydrocarbon concentrations covering the broad zone of oiling extent over the ship's track.
- Sea surface oil slick observations include relatively dense patches of orange mousse, sometimes with orange pancakes. Brown oil was also observed. The Chelsea and Contros fluorometry data increase slightly in the regions where orange pancake mousses and brown oil were observed.
- The Ryan Chouest is sailing back to port due to two failed submersible pumps. Tuesday will be spent fixing the job crane to perform vertical casts and testing the pumps so that systems are ready and in place before Cruise 6.